

partly broken, but dry weather continued in New Mexico and Colorado where the lack of water is becoming serious.

In California favorable rains occurred over most of the State, and in some localities the month was decidedly rainy for the close of the wet season.

SNOWFALL

From the Rocky Mountains eastward the snowfall was confined to local small areas, though some unusual falls were reported.

In northern New York and New England one of the heaviest snowfalls of record occurred on the 19th and 20th, when depths up to 10 or 15 inches were reported. In portions of the upper Mississippi Valley and upper Lake region there were some unusual falls on the 28th and 29th.

In the western mountain districts more than the usual amount of snow occurred in California, but, on account of high temperatures, it soon melted at the lower elevations, and it is estimated the run-off from melting snow in that State will be exhausted earlier than usual.

In the other Mountain States there was less than the normal snowfall generally for April over New Mexico, Colorado, and Utah, while to the northward the amounts were more nearly normal. In Montana an unusually heavy fall of snow occurred on the 23d over the southwestern and some western portions, some stations reporting as much as 20 inches or more.

RELATIVE HUMIDITY

Relative humidity was less than normal over nearly all portions of the country. This was partly due, no doubt, to the general excess of temperature. The atmosphere was unusually dry in portions of the Great Lakes, Gulf States, and Rocky Mountain regions.

SUNSHINE AND CLOUDS

There was a good percentage of sunshine in all parts of the country, save in the far Northwest, though in California and other parts of the Southwest the percentages of the possible were in many cases less than normal.

SEVERE LOCAL HAIL AND WIND STORMS, APRIL, 1925

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path ¹	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
East-central and southeastern Wyoming.	1-2				\$25,000	High wind and snow.	Heavy damage to light and power lines.....	Wyoming Tribune Leader (Cheyenne, Wyo.). Official, U. S. Weather Bureau.
Vicksburg, Miss. (near).....	3	P. m.				Hail.....	Considerable damage to fruit trees, truck, and windows.	Do.
Greenwood, Fla. (near).....	4	2-3 p. m.	880		2,000	do.....	Corn stripped; cotton killed in places.....	Do.
Miami, Fla. (near).....	5	1-2 p. m.	100	5	300,000	Tornado and hail.	Severe damage to auto tops and other exposed property; minor damage to crops; 35 persons injured. Path 12 miles long.	Do.
Hilliard, Fla.	6	3 p. m.	3-4 mi.			Heavy hail.	Vegetables and foliage injured.....	Do.
Clarksdale, Mo. (near).....	7	5 p. m.		1		Thunderstorm.	1 death by lightning; no property damage reported.	Do.
Perkins, Okla.	8	2:30 p. m.				Tornado.	Minor property damage.....	Do.
Addington Bend, Okla.	8	3:30 p. m.			10,000	do.....	Considerable property damage.....	Do.
Madill, Okla.	8	5:30 p. m.		1	5,000	do.....	3 persons injured; slight property damage.....	Do.
Caryville, Fla. (near).....	8	3-4 p. m.				Heavy hail.	Crops damaged but extent not known.....	Do.
Republic, Mo., and vicinity.	8	7:15 p. m.	880		5,000	Severe hail.	Damage chiefly to orchards.....	Do.
Parts of Grayson, Fannin, Lamar, and Titus Counties, Tex.	8	3-8 p. m.			66,000	do.....	Heavy damage to crops and buildings.....	Do.
Thackerville, Okla.	8	4 p. m.	3 mi.			Heavy hail.	Fruit total loss; crops suffer severely; 3,000 acres of corn will have to be replanted. Path 5 miles long.	Do.
Holdenville, Okla.	8	4:15 p. m.			4,000	do.....	Fruit considerably injured.....	Do.
Dayton, Ohio, and vicinity.	9	3:30 p. m.				Wind.	General damage about the city and in the vicinity; 2 persons injured.	Herald (Dayton, Ohio).
Christian County, Ky. (eastern part of).	9	4 p. m.	1,760			Thunderstorm and hail.	Skylights and roofs in Pembroke damaged; loss of merchandise by rain. Other minor damage.	Official, U. S. Weather Bureau.
Ideal, Montezuma, Gresham and Buckhead, Ga.	10	12:30-2:15 p. m.			100,000	Heavy hail.	Peach orchards, cotton, and corn severely damaged.	Do.
Central Calumet County, Wis.	10-11	About midnight.	Few-880		4,000	Tornado.	Two barns and several outbuildings demolished.	Do.
Alva, Okla. (4 miles west of Springfield, Ill., and vicinity).	12	8:30 p. m.	3-7 mi.			Hail.	Much damage to fruit.....	Do.
	13	2 p. m.			16,000	High wind.	Roofs, windows, signs, auto tops, etc., damaged; 8 persons injured.	Do.
Sullivan, Ind.	13	5:30 p. m.				Tornadoic wind.	A number of buildings unroofed.....	Do.
Kokomo, Ind.	13	6 p. m.				Tornado.	About 12 houses unroofed; several barns moved.	Do.
Plymouth, Ind. (near).....	13	do.				Wind.	Several roofs torn off.....	Do.
St. Joseph County, Ind.	13	P. m.			10,000	do.	Considerable property damage.....	Do.
Ft. Wayne, Ind.	13	7 p. m.				do.	Damage to buildings throughout city.	Do.
Carbondale, Kans.	14	P. m.				Violent wind.	Many porches blown off; trees wrecked.	Do.
Condon, Oreg.	15	P. m.			10,000	Small tornado.	Much damage to warehouses and other buildings.	Do.
Chicopee, Mass.	15					Tornadoic wind.	House and 5 garages destroyed.	Hartford Times (Conn.).
Sunnyside, Wash., and vicinity.	16	4-4:15 p. m.	5 mi.		5,000	Heavy hail.	Some crops damaged; windows broken.	Official, U. S. Weather Bureau.
Howard County, Nebr.	18	2 a. m.				Hail.	Fruits and early vegetables injured; windows broken and roofs damaged.	Do.
South central and southeastern, Wis.	18	9 a. m. to midnight.				Heavy hail and severe squalls.	Silos blown down, buildings unroofed, plate glass windows broken. No damage by hail.	Do.
Long Creek, N. C.	18	3-3:45 p. m.	1,760		2,000	Hail.	Damage principally to strawberries. Path 6 miles long.	Do.
Dodge City, Kans. (near).....	18	5 p. m.	2 mi.		4,000	Severe hail.	Crops not sufficiently advanced to suffer much; auto tops injured; minor damage to other property.	Do.
Humboldt and Wright Counties to Winneshiek, Howard and Mitchell Counties, Iowa.	18					do.	Damage consisted chiefly of broken windows, punctured roofs, and injured fruit.	Do.
Carroll County, Ill.	18	P. m.				Hail and wind.	Farm buildings damaged; roof blown from schoolhouse; minor damage at various points.	Do.

¹ Yards when not otherwise specified; "mi." signifies miles.

Severe local hail and wind storms, April, 1925—Continued

Place	Date	Time	Width of path	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Bruning, Nebr.	18	8 p. m.	1,760			Hail	Fruit and vegetables injured	Official U. S. Weather Bureau
Quincy, Ill.	19	2:05 a. m.			5,000	do.	Greenhouses damaged and fruit blossoms injured.	Do.
Peoria, Ill., and vicinity	19	3:03 a. m.		2	500,000	High wind and electrical.	Four-story building blown over; minor damage to roofs and trees.	Do.
Richland County, Wis.	19	5-8 a. m.	25 mi.			Heavy hail	No extensive damage, as crops were not far enough advanced to be injured.	Do.
Toledo, Ohio, and vicinity	19	9-10 a. m.				Wind and hail	Damage principally to greenhouses	Do.
Pekin, Ill.	19				60,000	High wind	Extensive damage in business section	Do.
Canton, Ill.	19				10,000	do.	Character of damage not reported	Do.
West Virginia (northern part of)	19	12:04-2:15 p. m.			300,000	Thunderstorm, wind, and hail.	Storm most severe at Wheeling; 1 building unroofed, others damaged; oil derricks blown down; many fruit trees uprooted.	Do.
Greensburg, Pa., and vicinity	19	12:45 p. m.	500		15,000	Small tornado	Railroad station at Wyano destroyed, several houses unroofed, trees blown down at Irvin and Scottsdale.	Do.
Pittsburgh, Pa., and vicinity	19	1 p. m.			800,000	High wind and heavy rain.	Small houses unroofed; several persons injured by flying glass.	Do.
Newell and California, Pa., and vicinity	19	1-1:25 p. m.	300		10,000	Small tornado	Loss confined to buildings; 6 persons injured	Do.
Cresson, Pa.	19	1:30 p. m.			45,000	High winds and rain.	Church partly demolished and a building under construction blown down.	Do.
Garrett to Frederick County, Md.	19	1-3 p. m.			50,000	Wind	Poles, silos, and fences down; trees uprooted; buildings damaged; 2 persons injured.	Do.
Phillipsburg, Pa.	19	2:15 p. m.	500		3,000	Small tornado	Considerable damage to trees, buildings, etc., and slight crop damage.	Do.
Belleville, Pa., and vicinity	19	2:30 p. m.	200		150,000	Tornado	Flour mills blown down and burned; roofs of many buildings blown off and considerable minor damage.	
Tonkawa, Okla.	19	2:30 p. m.	6 mi.		350,000	Hail	Crops practically ruined; roofs badly damaged. Path 12 to 15 miles long.	Do.
State College, Pa.	19	2:45 p. m.	800			High wind and rain.	Damage mostly to trees; a few buildings unroofed and some small outbuildings demolished; 2 persons injured.	Do.
Sykesville, Pa., and vicinity	19	P. m.			40,000	do.	Houses unroofed; power plant at Fayette out of commission.	Do.
Shakertown to Lexington, Ky.	19	4 p. m.	1-2 mi.			Thunderstorm and hail.	Tobacco-plant buds injured. Patch 25 miles long.	Do.
White Cloud, Kans.	20	P. m.				Heavy hail	Crops not far enough advanced to be hurt	Do.
Pawnee County, Nebr.	20	4 p. m.				Small tornado and hail.	Several small farm buildings unroofed; trees uprooted.	Do.
Frederick, Okla., and vicinity	20	4:45-5:15 p. m.			75,000	Severe hail	Heavy roof and glass damage. Crop damage not estimated.	Do.
Falls City, Nebr.	20	6-7 p. m.	16 mi.		150,000	Hail	Fruit, small grains, and alfalfa considerably damaged; some windows broken.	Do.
Napier, Mo.	20	8 p. m.	880			do.	Windows broken; roofs damaged; gardens and fruit suffered.	Do.
Chillicothe, Mo.	20	do.				Thunderstorm squall.	Houses unroofed; silos blown down; other minor damage.	Do.
Sylvania, Ga.	21	12:05-1:30 a. m.	2 mi.		10,000	Hail and wind	Many trees and outhouses blown down; cotton and corn destroyed over wide area.	Morning News (Savannah, Ga.).
Oak Grove, Okla.	21	1 a. m.	880-1,760			Heavy hail	Heavy damage; crops severely injured. Path 5 to 6 miles.	Official, U. S. Weather Bureau.
Quartzsite, Ariz.	21					Hail	Fruit, melons, and garden truck destroyed	Do.
White Hall, Ill.	21					do.	Roofs, greenhouses, and auto tops damaged	Do.
Richmond, Ind., and vicinity	21					Heavy hail	Chief damage to gardens and greenhouses	Do.
Appanoose County, Iowa	21					Wind and hail	Barns and silos wrecked	Do.
Dundy, Hitchcock, and Red Willow Counties, Nebr.	22	6:30-8:30 a. m.				High wind	Many small buildings demolished, barns unroofed, and chimneys blown down; 2 persons injured.	Do.
Dane, Bank, and Milwaukee Counties, Wis.	22	9:30-10:30 a. m.	3-5 mi.		50,000	Heavy hail	Damage to all greenhouses in and near Milwaukee.	Do.
Mitchell, Norton, and Phillips Counties, Kans.	22	1 p. m.				Violent wind	Damage chiefly to windmills and outbuildings	Do.
Madison, Polk, Wheeler, and York Counties, Nebr.	22	7-8 p. m.				High wind	Numerous windmills, barns, and small buildings wrecked.	Do.
Chase and Morris Counties, Kans.	23	2-3 p. m.	300-400		12,000	Tornado	Storm passed over mostly sparsely settled community. Some barns and garages damaged.	Do.
Atchison, Kans.	23	4 p. m.				do.	Trees and chimneys wrecked, roofs damaged; 2 persons injured.	Do.
Central Michigan, from St. Louis to Bay City.	24				250,000	do.	Heavy property damage	Do.
Quincy, Ill.	24	10:15 a. m.			5,000	Hail	Fruit trees and gardens damaged	Do.
Seymour, Mo. (northeast of)	24	P. m.			2,000	Thunderstorm	Barn and contents destroyed	Do.
St. Charles and Kane Counties, Ill.	24	3 p. m.				Hail	Many windows broken	Do.
Waukegan, Ill.	24	2:50 p. m.				Hail and wind	Damage principally to windows	Do.
Racine County, Wis.	24	P. m.			1,000	Wind and hail	Barns, sheds, and trees blown down. No damage by hail.	Do.
Perry, Mo. (near)	25	1:15 p. m.		1		Thunderstorm	One death by lightning. No damage reported	Do.
Dallas, Tex., and vicinity	25-26					Thunderstorm and wind.	Considerable property damage in the vicinity reported.	Do.
Pauls Valley, Okla.	26	4:50-5:15 p. m.	3-5 mi.			Heavy hail	Extensive damage; some cattle injured	Do.
Kyle, Tex.	28	6 p. m.	4 mi.	3	100,000	Wind and hail	Several buildings destroyed, others unroofed; 25 persons injured. Path 15 miles long.	Do.
Rockingham, N. C.	28	1 p. m.				Hail	Several hundred acres of cotton destroyed; probably some damage to peach crop.	Do.
Robeson and lower Cumberland Counties, N. C.	28	P. m.				do.	Cotton damaged to some extent; tobacco plants injured.	Do.